ABclonal® Technology

Rabbit anti-Rat TNFA mAb (CAP)

Catalog No.: RM17823

Basic Information

Catalog No.
RM17823

Catagory
Elisa Antibody Kit

Application
ELISA

Product Information

Ig Type
Rabbit IgG

Purification
Affinity purification

Endotoxin Level

Storage
This antibody can be stored at 2℃-8℃ for one monthwithout detectable loss of activity. Antibody products are stable for twelve months fromdate of receipt when stored at -20℃ to -80℃. Preservative-Free.
Avoid repeated freeze-thaw cycles.

Formulation
Supplied as a 0.2um filtered solution in PBS with 0.1%Braveds MB-1,PH 7.4.

Contact

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Background

Tumor necrosis factor alpha (TNF-alpha), also known as cachectin and TNFSF1A, is the prototypic ligand of the TNF superfamily. It is a pleiotropic molecule that plays a central role in inflammation, immune system development, apoptosis, and lipid metabolism . TNF-alpha is also involved in a number of pathological conditions including asthma, Crohn's disease, rheumatoid arthritis, neuropathic pain, obesity, type 2 diabetes, septic shock, autoimmunity, and cancer

Immunogen Information

Immunogen
Recombinant Rat TNFA

Cross-Reactivity
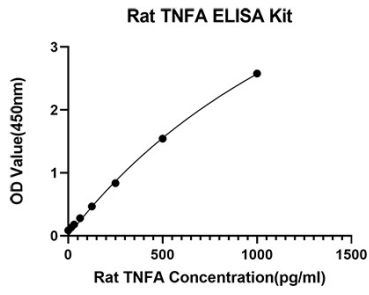
No cross-reactivity in ELISA assay withrecombinant
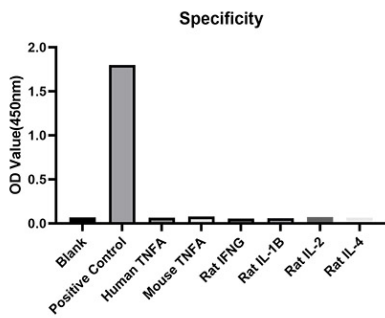Human TNFA,Mouse TNFA,Rat IFNG,Rat IL-1B,Rat IL-2,Rat IL-4

Assay Applications

Rat TNFA Sanwich ELISA Immunoassay

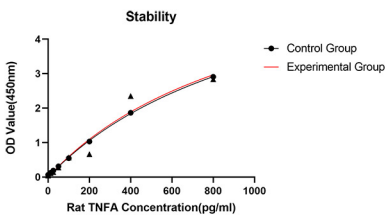|	Recommended Concentration	Sample
ELISA Capture	1-4ug/mL	Rabbit anti-Rat TNFA(CAP)(Cat. No.RM17823)
ELISA Detection	0.166-0.66ug/mL	Rabbit anti-Rat TNFA(DET)(Cat. No.RM17824)
Standard	0.78-50pg/mL	Recombinant Rat TNFA Protein

Validation Data

Rat TNFA ELISA Kit

This standard curve is only for demonstration purposes. A standard curve should be generated for eachassay.

Specificity

Fromthe comparison of the standard curve, it is found that ABclonal has highsensitivity.

Stability

Placed at 37°C for 3 days, the stability of the standard curve all conformto CV <10%.